

variable number, and a modification of the upper threshold electrocardiography value with a constant number or variable number.

15. A method in accordance with claim 11, wherein the predetermined value is a center value of an electrocardio- 5
graphy recorder.

16. A method in accordance with claim 11, wherein each successive bin is continuing forward from a previous bin so as to cover a contiguous range of the electrocardiography values. 10

17. A method in accordance with claim 11, wherein the bin is identified when the difference is equal to or larger than the lower threshold electrocardiography value and smaller than the upper threshold electrocardiography value of the identified bin. 15

18. A method in accordance with claim 11, wherein the bin is identified when the difference is larger than the lower threshold electrocardiography value and equal to or smaller than the upper threshold electrocardiography value of the identified bin. 20

19. A method in accordance with claim 11, wherein the electrocardiography value can be one of raw electrocardiography value, processed electrocardiography value, filtered electrocardiography value, averaged value, and sampled value. 25

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